

upon their training and experience in relevant scientific or technical fields, taking into account the following factors:

(1) The level of formal scientific or technical education by the individual and the extent to which an individual is engaged in relevant research activities;

(2) The need to include as peer reviewers experts from various areas of specialization within relevant scientific or technical fields;

(3) The need to include as peer reviewers experts from a variety of organizational types (e.g., universities, Federal laboratories, industry, private consultant(s), Federal and State regulatory agencies, environmental organizations) and geographic locations; and

(4) The need to maintain a balanced composition of peer review groups related to minority and female representation and an equitable age distribution.

(b) [Reserved]

§ 3415.12 Conflicts of interest.

Members of peer review groups covered by this part are subject to relevant provisions contained in title 18 of the United States Code relating to criminal activity, Departmental regulations governing employee responsibilities and conduct (part O of this title), and Executive Order No. 11222, as amended.

§ 3415.13 Availability of information.

Information regarding the peer review process will be made available to the extent permitted under the Freedom of Information Act (5 U.S.C. 552), the Privacy Act (5 U.S.C. 552a.), and implementing Departmental regulations (part 1 of this title).

§ 3415.14 Proposal review.

(a) All grant applications will be acknowledged. Prior to technical examination, a preliminary review will be made for responsiveness to the program solicitation (e.g., relationship of application to announced program area). Proposals that do not fall within the guidelines as stated in the program solicitation will be eliminated from competition and will be returned to the applicant.

(b) All applications will be carefully reviewed by the Director or Administrator, qualified officers or employees of the Department, the respective peer review group, and *ad hoc* reviewers, as required. Written comments will be solicited from *ad hoc* reviewers when required, and individual written comments and in-depth discussions will be provided by peer review group members prior to recommending applications for funding. Applications will be ranked and support levels recommended within the limitation of total available funding for each research program area as announced in the program solicitation.

(c) No awarding official will make a grant based upon an application covered by this part unless the application has been reviewed in accordance with the provisions of this part and unless said reviewers have made recommendations concerning the scientific merit and relevance to the program of such application.

(d) Except to the extent otherwise provided by law, such recommendations are advisory only and are not binding on program officers or on the awarding officials of NIFA and ARS.

§ 3415.15 Evaluation factors.

In carrying out its review under § 3415.14, the peer review group will take into account the following factors unless, pursuant to § 3415.5(a), different evaluation criteria are specified in the annual program solicitation:

(a) Scientific merit of the proposal.

(1) Conceptual adequacy of hypothesis;

(2) Clarity and delineation of objectives;

(3) Adequacy of the description of the undertaking and suitability and feasibility of methodology;

(4) Demonstration of feasibility through preliminary data;

(5) Probability of success of project;

(6) Novelty, uniqueness and originality; and

(7) Appropriateness to regulation of biotechnology and risk assessment.

(b) Qualifications of proposed project personnel and adequacy of facilities.

(1) Training and demonstrated awareness of previous and alternative approaches to the problem identified in the proposal, and performance record